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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 23

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | |
|------------------------|-------------------|
| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

U.S. PATENT DOCUMENTS

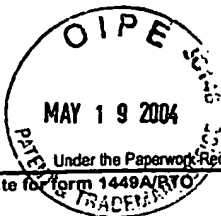
| Examiner Initials | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document mm-dd-yyyy | Pages, Columns, Lines, where relevant passages or relevant figures appear |
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| Examiner Signature | Date Considered |
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Sheet 2 of 23

| | |
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| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

U.S. PATENT DOCUMENTS

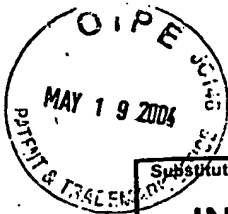
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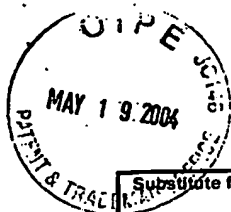
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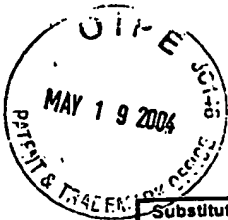
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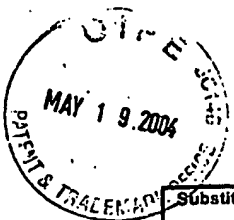
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| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

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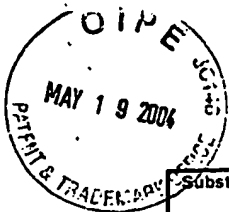
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| Examiner Signature | Date Considered |
|-----------------------|--------------------|

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 8 of 23

| | |
|------------------------|-------------------|
| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

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Sheet 9 of 23

| | |
|------------------------|-------------------|
| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

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Sheet 10 of 23

| | |
|------------------------|-------------------|
| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

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Sheet 11 of 23

| | |
|------------------------|-------------------|
| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
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Sheet 12 of 23

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|------------------------|-------------------|
| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
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STATEMENT BY APPLICANT**

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Sheet 13 of 23

| | |
|------------------------|-------------------|
| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document mm-dd-yyyy | Pages, Columns, Lines, where relevant passages or relevant figures appear | T ² |
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Sheet 14 of 23

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| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

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Sheet 15 of 23

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| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

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| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
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| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
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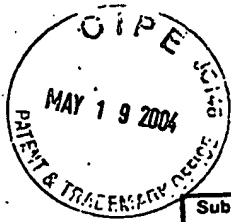
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| Examiner Signature | | Date Considered | 7/27/04 |
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Sheet 19 of 23

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| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

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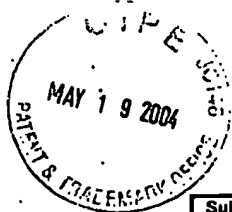
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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 20 of 23 | Application Number | 10/092,810 |
| | Filing Date | March 7, 2002 |
| | First Named Inventor | Miri Seiberg |
| | Group Art Unit | 1654 |
| | Examiner Name | Michael V. Meller |
| | Attorney Docket Number | JBP0586 |

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| | | First Named Inventor Miri Seiberg | |
| | | Group Art Unit 1654 | |
| | | Examiner Name Michael V. Meller | |
| | | Attorney Docket Number JBP0586 | |
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| Group Art Unit | 1654 |
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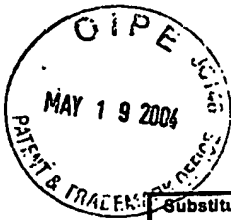
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Sheet 23 of 23

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|------------------------|-------------------|
| Application Number | 10/092,810 |
| Filing Date | March 7, 2002 |
| First Named Inventor | Miri Seiberg |
| Group Art Unit | 1654 |
| Examiner Name | Michael V. Meller |
| Attorney Docket Number | JBP0586 |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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|-----------------------|--------------------------|---|----------------|
| [Signature] | | TERADA ET AL, "Amino Acid Sequences of Double-headed Proteinase Inhibitors from the Seeds of <i>Canavalia Lineata</i> ", <i>Biosci. Biotech. Biochem.</i> , Vol. 58, No. 2, pp 376-379 (1994). | |
| | | THORNTON ET AL, "Effect of Androgens on the Growth of Cultured Human Dermal Papilla Cells Derived from Beard and Scalp Hair Follicles", <i>The Journal of Investigative Dermatology</i> , Vol. 97, No. 2, pp 345-348 (August 1991). | |
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| | | XIANG ET AL, "A Study of Nexin 1 of Skin and Hair Follicle during Postnatal Development Period of Rat", <i>Zhongguo Yi Xue Ke Xue Yaun Xue Bao</i> , Vol. 20, No. 2, pp 127-132 (April 1998) ABSTRACT | |
| | | YU ET AL, "Message of Nexin 1, a Serine Protease Inhibitor, is Accumulated in the Follicular Papilla During Anagen of the Hair Cycle", <i>Journal of Cell Science</i> , Vol. 108, Pt 12 (December 1995) pp 3867-3874 ABSTRACT | |

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